

COAL
HANDLING



The Company

Founded in 1908, Bedeschi provides effective and reliable products in a wide variety of industries (bulk handling, container logistics, bricks) offering complete turn-key solutions for different product lines.



**BULK
HANDLING**



MINING



MARINE



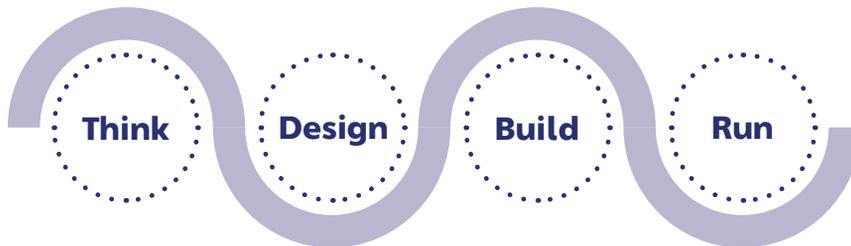
**CONTAINER
LOGISTICS**



BRICKS

Limena, close to Venice, in the North Eastern part of Italy hosts the Company headquarters and the biggest manufacturing facility (the other being in Bergamo). Main mechanical components are manufactured in the state of the art automated Company workshops in order to keep always the highest quality and consistency in our deliveries. While the main functions are coordinated from the headquarters, the other branches (Bergamo, Genova, Miami, Kansas City, Dubai, Moscow...) assure prompt and effective service.

We assist you from the very beginning for the entire life of the project and over!



We cover each step of the project execution from the feasibility study and basic design to the assembly, installation, start up and for any need after commissioning, while the plant is in operation. We still proudly offer a TAILOR MADE solution for our Customers. Optimizing investment returns means well-designed installation and innovative mechanical solutions. Our products rate best in the market in terms of energy consumption operational costs and pollution control, as a result of our commitment to environment protection.

Coal

Nowadays, concern for the environment is a key issue to consider during any project. Reducing the impact of coal handling and storage require advanced technologies.

Bedeschi, thanks to its long experience and know-how in the handling sector, is able to guarantee eco-friendly solutions. Bedeschi is able to develop complete handling solutions from train receiving to crushing, stacking, reclaiming (either with scraper or bucket wheel reclaimers), ship loading or transshipping systems. We can design, engineer, manufacture and deliver turn key solutions for any plant capacity meeting the most stringent environmental and safety standards worldwide.





BEDESCHI

RUBNER

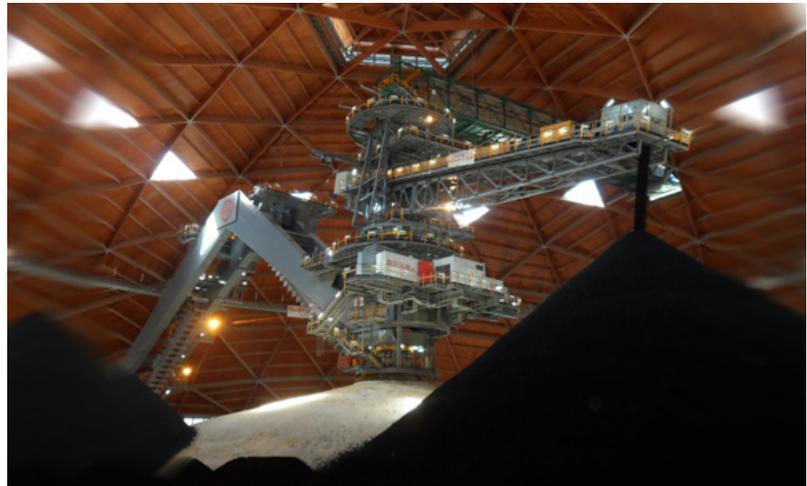
ENEL

(Italy)

Bedeschi supplied Enel with 2 circular storages and completed the automation of the Federico II bunker in Brindisi (IT).

The project, one of the most innovative in Europe, consists of 2 indoor domes completely computerized for the storage and reclaiming of coal. The domes, with a diameter of 150 m and 45 meters high each, are one of the biggest in Europe.

The handling system supplied by Bedeschi fully satisfies the high design, functional and safety standards of Enel.



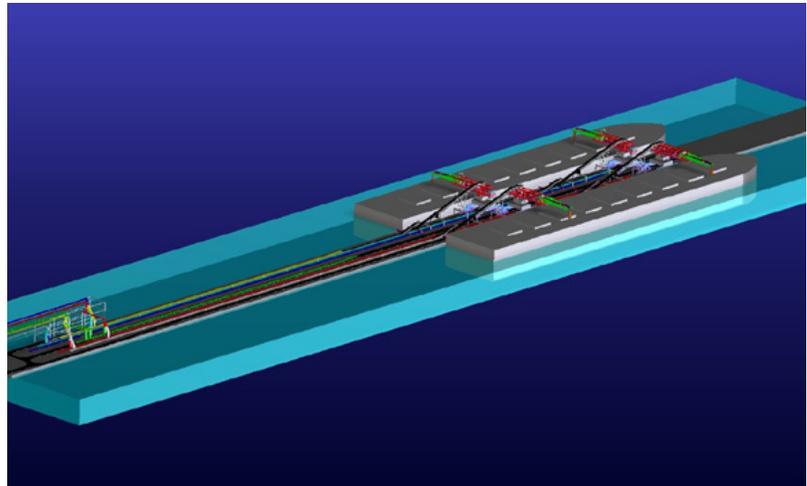
Material:	Coal
Stacking capacity:	1500 t/h
Reclaiming capacity:	3000 t/h

Port of Taman

(Russia)

The project consists in the supply of a fully automated coal export terminal with a total aggregated capacity of more than 50.000 tph on 6 loading lines. Bedeschi Russia will actively contribute to the project management of the new OTEKO project in Taman.

The supply includes bucket wheel stacker-reclaimers, several km of conveyors and shiploaders. The system allows for the blending of different types of coal.



Material:	Coal
Design capacity:	48.000 t/h

Catalina

(Dominican Republic)

For the new greenfield Coal Power Plant in Punta Catalina (Santo Domingo), Bedeschi supplied a Complete Material Handling equipment set from coal receiving rail Mobile Hopper on jetty, to coal storage and delivery, up to loading point at the boiler area.

The total plant capacity is 2x360 MW. The main feature of this supply is the 2150 m long pipe conveyor (D.700 mm) with a 3000 tph capacity. The difficult weather conditions made the design phase extremely challenging for the equipment and its structures. Indeed, the area is frequently subjected to heavy winds (hurricane & tsunamis area), possible liquefactions of soil and earthquakes.



Material:	Natural coal
Bulk Density:	0,72 t/m³ size 50 mm



www.bedeschi.com

HANDLING | BEDESCHI

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